

## Claims

1. A cooking apparatus capable of supplying steam into a heating chamber with an object to be heated stored therein, comprising:

heating chamber interior heating means for heating the interior of a heating chamber;

water supply means for supplying water into the heating chamber;

a storage part for storing the water within the heating chamber;

storage part heating means for heating the water stored in the storage part;

control part for controlling the heating chamber interior heating means, the water supply means and the storage part heating means;

heating chamber interior temperature detect means for detecting the temperature of the interior of the heating chamber; and

storage part temperature detect means for the temperature of the storage part heating means or the temperature of the storage part;

wherein the control part controls the storage part heating means and the water supply means based on the temperature of the interior of the heating chamber in such a manner that the water in the storage part is prevented from

boiling on.

2. A cooking apparatus capable of supplying steam into a heating chamber with an object to be heated stored therein, comprising:

heating chamber interior heating means for heating the interior of a heating chamber;

water supply means for supplying water into the heating chamber;

a storage part for storing the water within the heating chamber;

storage part heating means for heating the water stored in the storage part;

control part for controlling the heating chamber interior heating means, the water supply means and the storage part heating means;

heating chamber interior temperature detect means for detecting the temperature of the interior of the heating chamber; and

storage part temperature detect means for the temperature of the storage part heating means or the temperature of the storage part, wherein the control part controls the storage part heating means and the water supply means based on the temperature of the interior of the heating chamber and the temperature of the storage part in such a manner

that the water in the storage part is prevented from boiling on.

3. The cooking apparatus as set forth in Claim 1 or 2, wherein the control part not only controls the water supply means and storage part heating means in such a manner that, after the water in the storage part is boiled once, the water is prevented from boiling on, but also, based on the temperature detected by the heating chamber interior detect means, controls the temperature of the interior of the heating chamber at a desired temperature using the heating chamber interior heating means.

4. The cooking apparatus as set forth in Claim 1, 2, or 3, wherein there are set two or more control levels for controlling the temperature of the storage part based on the temperature detected by the storage part temperature detect means; and also wherein, firstly, the storage part temperature is controlled at first level, and, from then on, the storage part temperature is controlled at a second level.

5. The cooking apparatus as set forth in Claim 1, 2, or 3, wherein there are set two or more control levels for controlling the temperature of the interior of the heating chamber based on the temperature detected by the heating chamber interior

temperature detect means, and the storage part heating means is controlled at the highest level of the thus set heating chamber interior temperature control levels.

6. The cooking apparatus as set forth in Claim 1, 2, or 3, wherein the control part controls the storage part heating means in such a manner that, when the temperature of the storage part exceeds the temperature of the interior of the heating chamber, the water in the storage part is prevented from boiling.

7. The cooking apparatus as set forth in any one of Claims 1 to 6, further including ventilating means for feeding the air into the heating chamber, wherein the ventilating means is controlled in such a manner that the temperature of the interior of the heating chamber can be set at a temperature proper for fermentation based on the temperature detected by the heating temperature interior temperature detect means.